

MAJORIS CE144 - 8229

Polyolefin

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Message:

CE144 - 8229 is a polyolefin compound mineral filled for injection moulding.

The product is available in black (CE144 - 8229) and natural (CE144) but other colours can be provided on request.

CE144 - 8229 has been developed for applications with good impact strength and heat stability.

APPLICATIONS

CE144 - 8229 is intended for components which require good impact strength, dimensional stability.

Suitable applications are:

Electrical tool and appliance components

Miscellaneous automotive technical items

Electrical parts

General Information			
Filler / Reinforcement	Mineral filler, 10% filler by weight		
Features	Good dimensional stability		
	Impact resistance, high		
	Recyclable materials		
	Thermal stability, good		
Uses	Electrical/Electronic Applications		
	Electrical components		
	Power/other tools		
	Home appliance components		
	Application in Automobile Field		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.968	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1250	MPa	ISO 527-2/1
Tensile Stress (Yield)	24.0	MPa	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	25	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU

Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	3.0	hr
Processing (Melt) Temp	220 - 250	°C
Mold Temperature	30.0 - 50.0	°C
Injection Rate	Slow-Moderate	

Injection instructions

Holding pressure: 50 to 70% of the injection pressure

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